

Notice of Allowability

Application No.

10/535,075

Examiner

Helene Klemanski

Applicant(s)

HASEMANN, LUDWIG

Art Unit

1755

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed September 1, 2006.
2. ☒ The allowed claim(s) is/are 1-3 and 5-10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


HELENE KLEMANSKI
PRIMARY EXAMINER
GROUP 1700

EXAMINER'S AMENDMENT

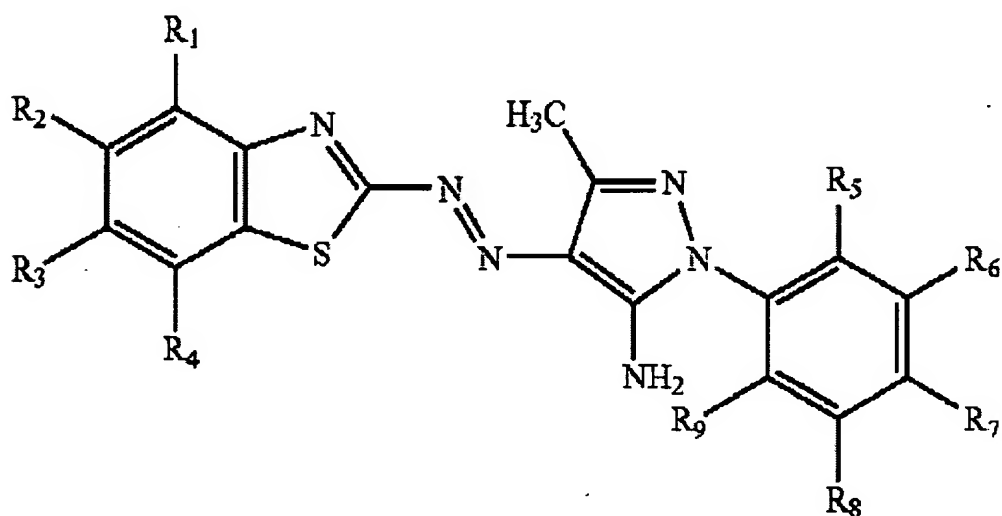
1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claim 1, the twelfth line after the formula, the term "or" between the terms "unsubstituted," and "R" has been deleted.

REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance: This application teaches a dyestuff compound of the formula



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wherein R_1 , R_2 , R_3 and R_4 independently from each other is H, SO_3H , SO_2R , $SO_2NR'R''$, $COOR$, $COOH$, OH , alkyl, aryl, alkoxy, $NCOCH_3$ or $NR'R''$ or two neighboring substituents R_1 , R_2 , R_3 and R_4 form together a ring annealed to the benzothiazole moiety and is unsubstituted or substituted by SO_3H and wherein at least two of the substituents R_1 , R_2 , R_3 or R_4 are H; R_5 , R_6 , R_7 , R_8 and R_9 independently from each other is H, alkyl, aryl, alkoxy, SO_3H , SO_2R , $NR'R''$, or two neighboring substituents R_5 , R_6 , R_7 , R_8 and R_9 form together a ring annealed to the phenyl moiety and is unsubstituted or substituted by SO_3H and wherein at least two of the substituents R_5 , R_6 , R_7 , R_8 or R_9 are H; R is H, alkyl or aryl group, substituted or unsubstituted; R' and R'' are independently from each other H, alkyl or alkoxy or aryl groups, substituted or unsubstituted with the proviso that at least one of the substituents R_5 , R_6 , R_7 , R_8 or R_9 is different from H and the compound is substituted by at least one solubilizing group which is located in the coupling component and an ink jet printing ink or printing paste containing the above dyestuff. The closest prior art of record is US Patent No. 4,981,837, issued to Tanaka et al. and DE 3433957. Tanaka et al. teach a similar monoazo dyestuff containing a benzothiazole ring and a pyrazole ring but fail to teach or fairly suggest the monoazo dye contains at least one solubilizing group as claimed by applicants. DE 3433957 teaches a similar monoazo dyestuff containing a benzothiazole ring and a pyrazole ring but fails to teach or fairly suggest a monoazo dye that contains a benzothiazole ring that is not substituted with a halogen atom as claimed by applicants. Accordingly, this application is allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Helene Klemanski whose telephone number is (571) 272-1370. The examiner can normally be reached on Monday-Friday 5:30-2:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jerry Lorengo can be reached on (571) 272-1233. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Helene Klemanski
Primary Examiner
Art Unit 1755



HK
September 14, 2006